

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015328.D
 Acq On : 23 Apr 2020 13:23
 Operator : SY/VA
 Sample : L2120-01
 Misc : 8.89G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-042220

Quant Time: Apr 24 07:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

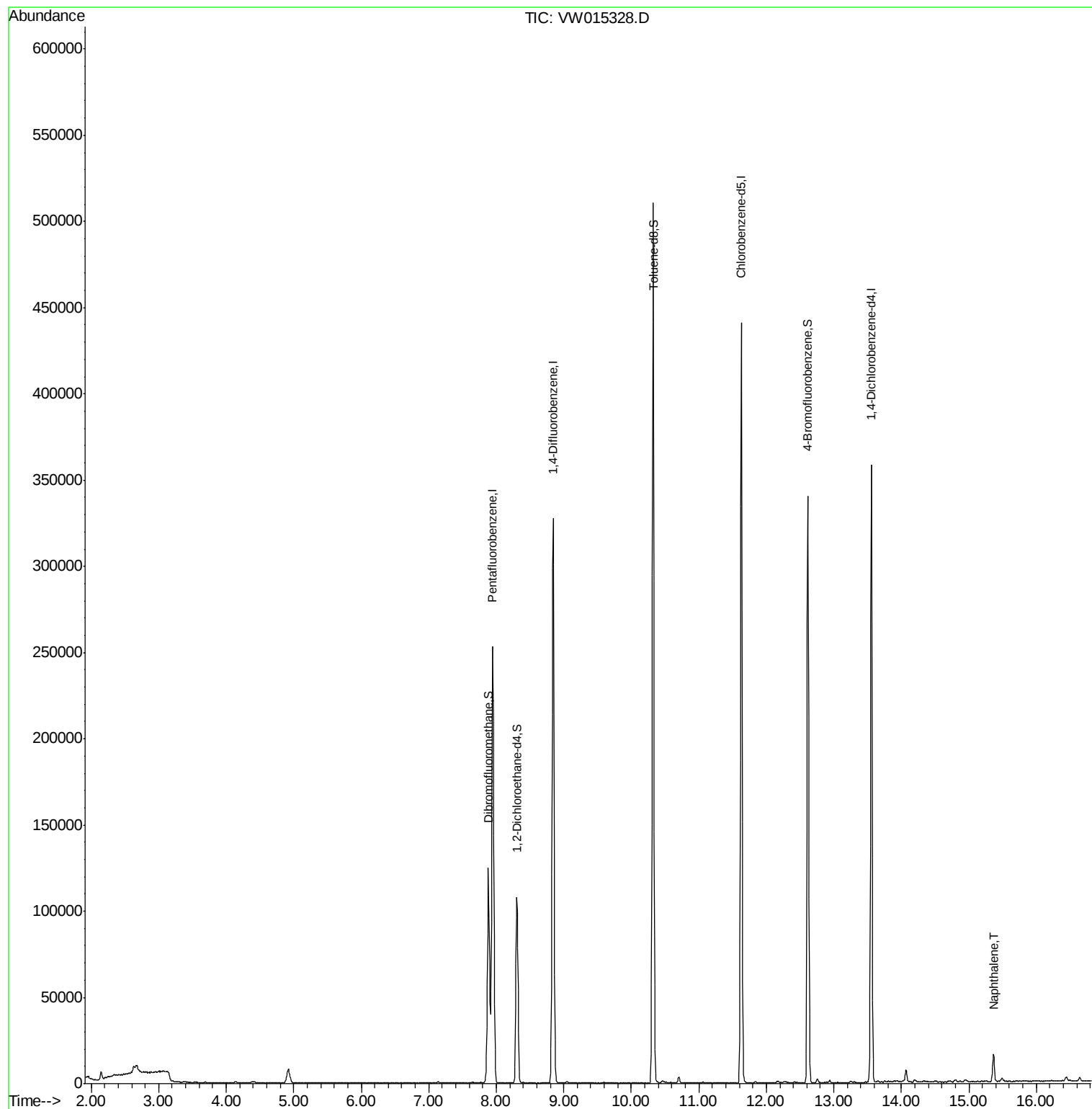
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	298294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	85149	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.88	113	86349	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.32	98	345124	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	108738	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
Target Compounds						
95) Naphthalene	15.36	128	14456	4.427	ug/l	Qvalue 99

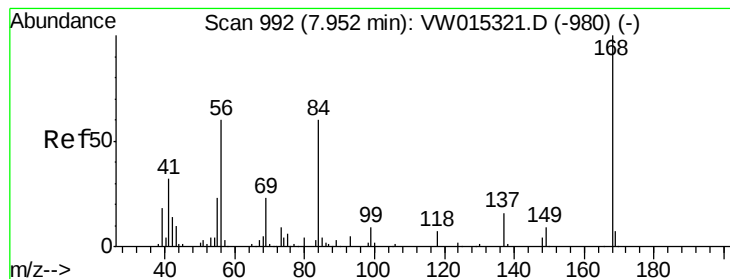
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

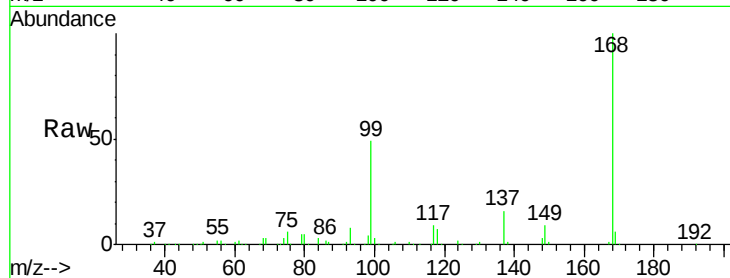
OR-02-042220

Tot Ion:168 Resp: 206651

Ion Ratio Lower Upper

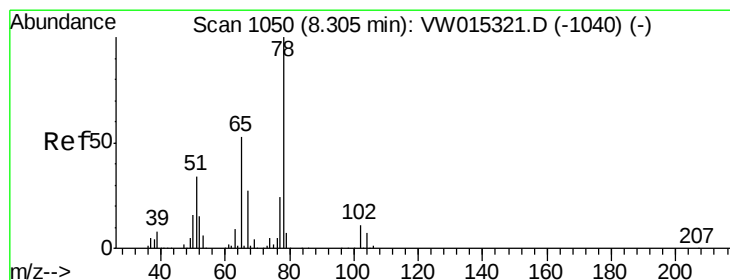
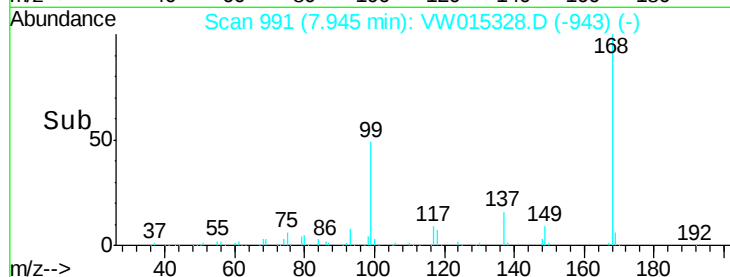
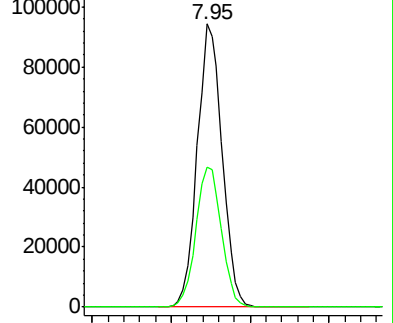
168 100

99 49.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015328.D

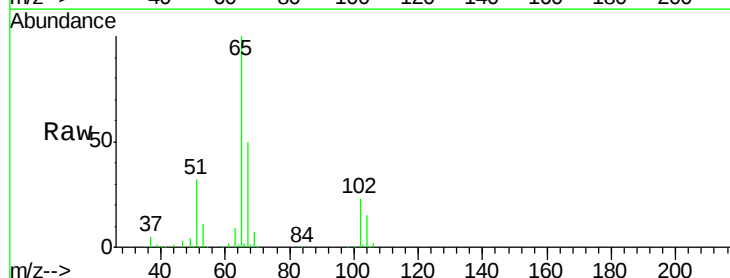
Acq: 23 Apr 2020 13:23

Tgt Ion: 65 Resp: 85149

Ion Ratio Lower Upper

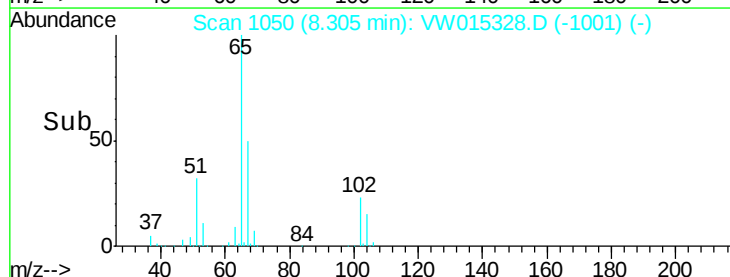
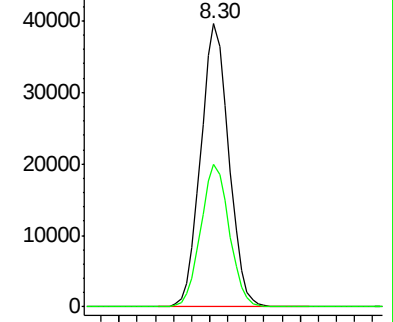
65 100

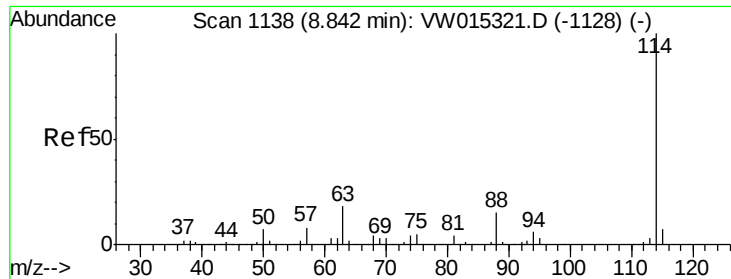
67 51.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

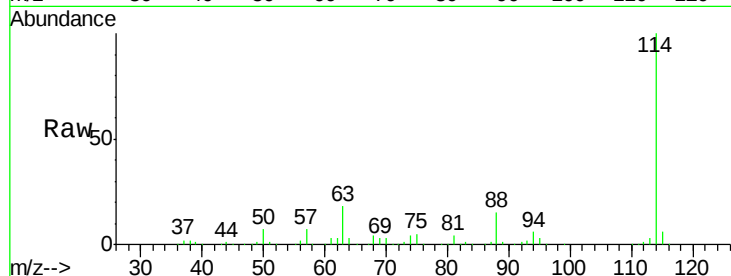




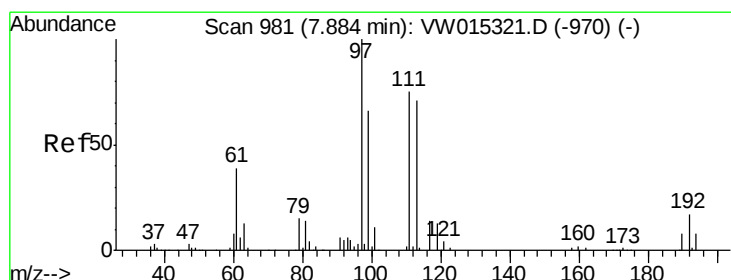
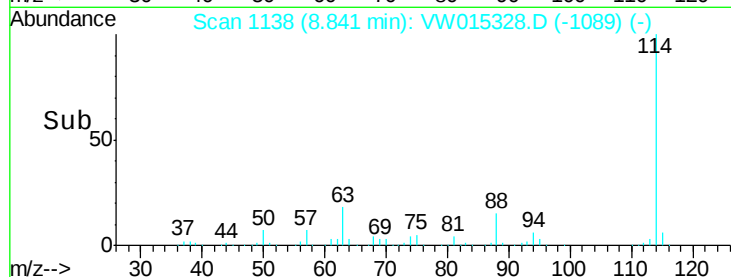
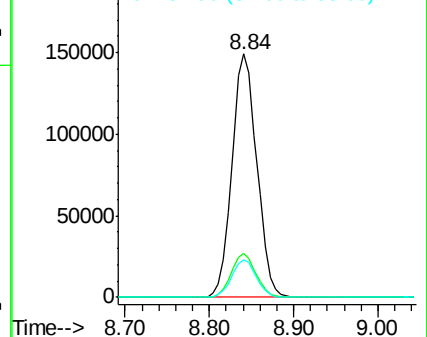
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015328.D
 Acq: 23 Apr 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-042220

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.8
88	15.4	0.0	30.2

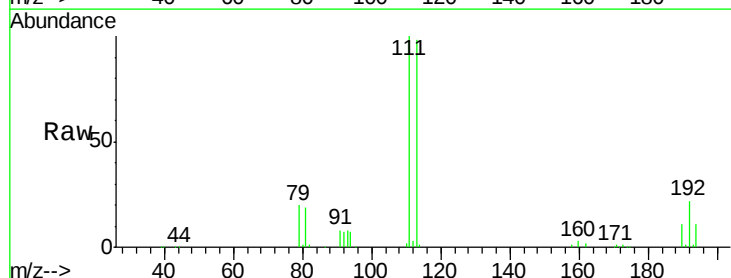


Abundance Ion 113.90 (113.60 to 114.60): V

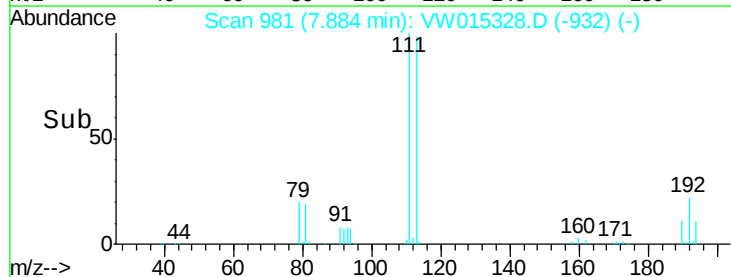
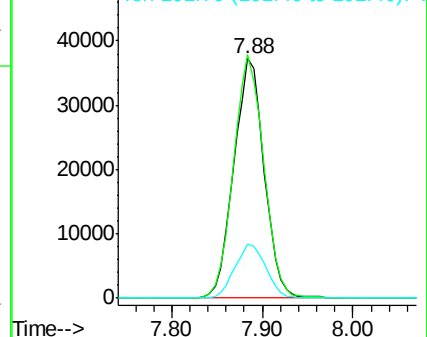


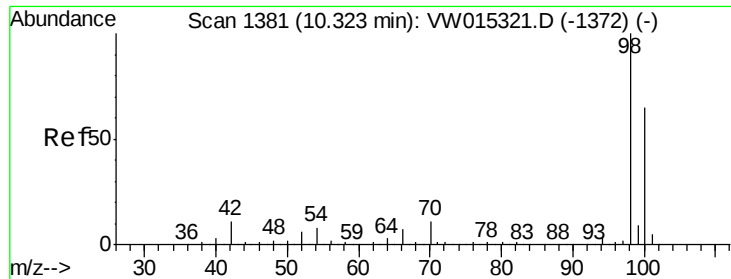
#35
 Dibromofluoromethane
 Concen: 52.260 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015328.D
 Acq: 23 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	23.2	15.1	22.7



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 49.653 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

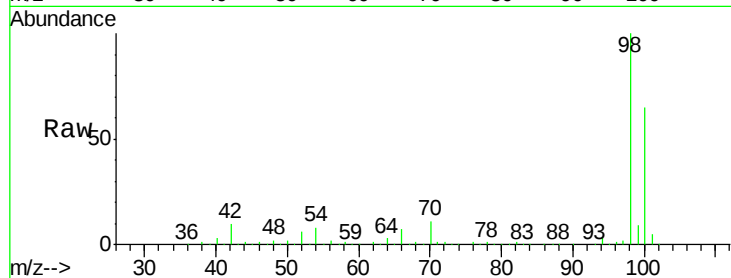
OR-02-042220

Tot Ion: 98 Resp: 345124

Ion Ratio Lower Upper

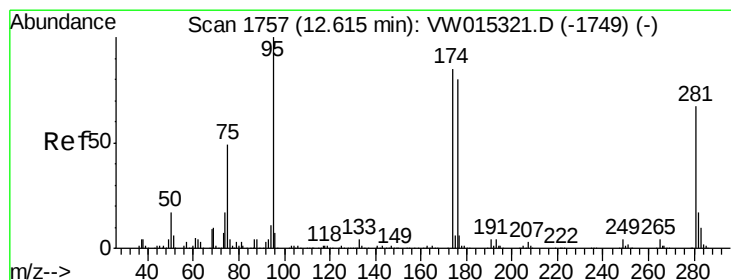
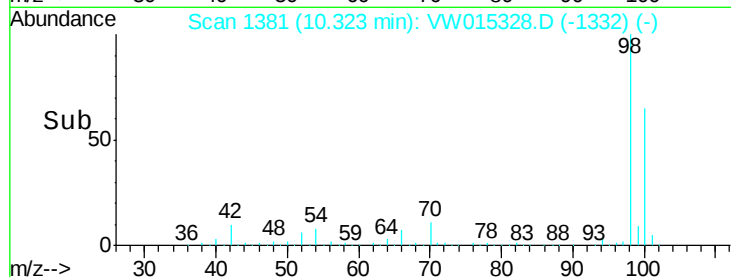
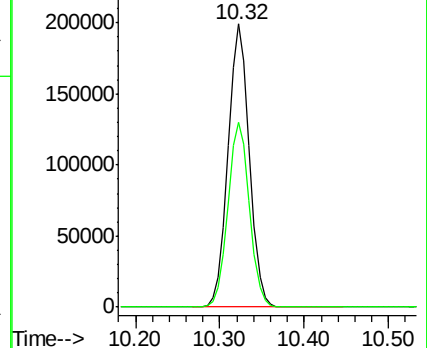
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.002 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

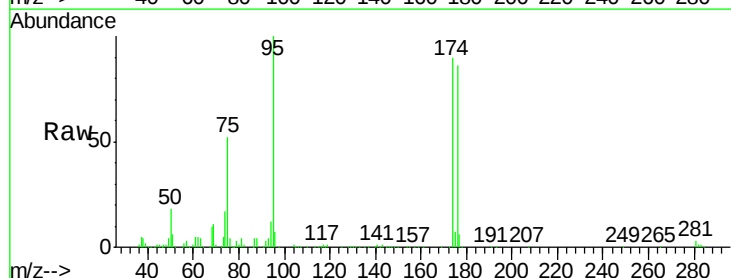
Tgt Ion: 95 Resp: 108738

Ion Ratio Lower Upper

95 100

174 90.5 0.0 144.4

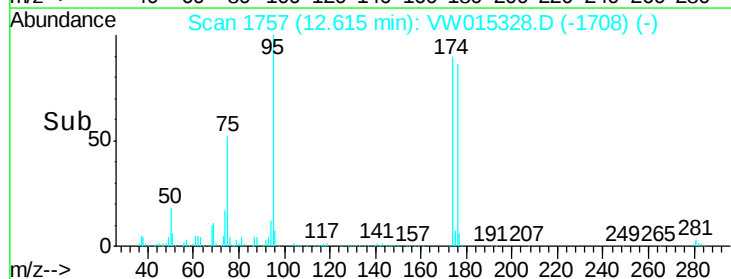
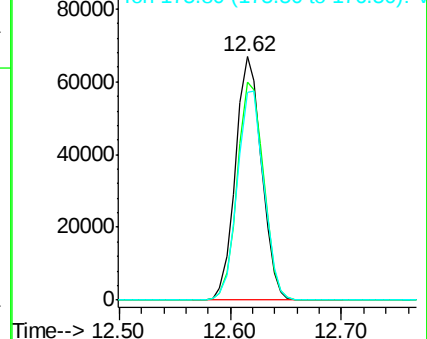
176 87.5 0.0 140.6

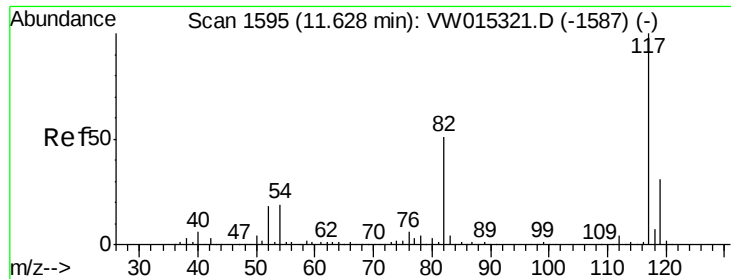


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

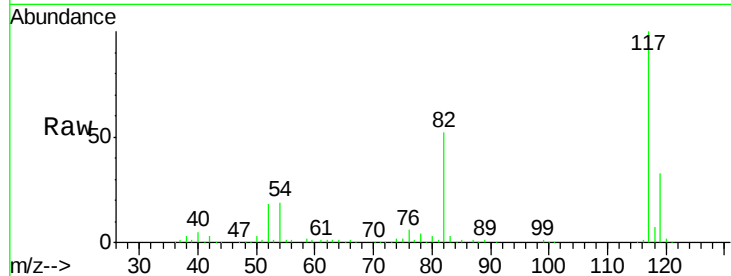




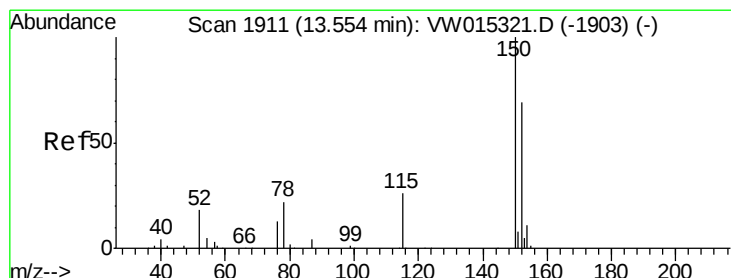
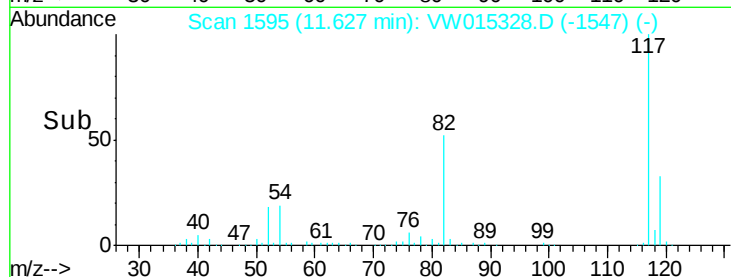
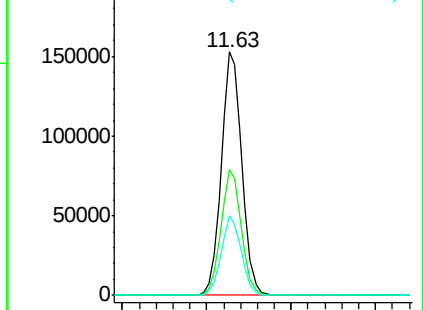
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :
OR-02-042220

Tot Ion:117 Resp: 255215
Ion Ratio Lower Upper
117 100
82 51.6 44.1 66.1
119 32.5 24.9 37.3

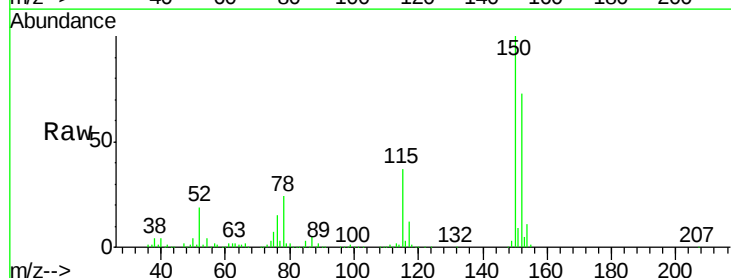


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

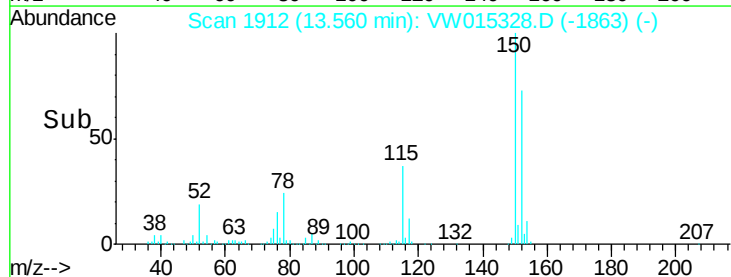
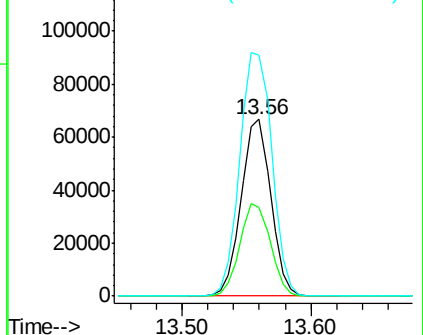


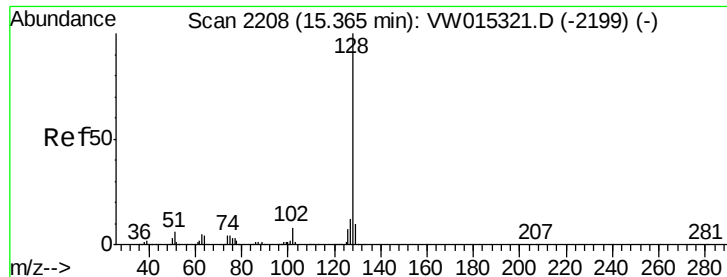
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Tgt Ion:152 Resp: 106181
Ion Ratio Lower Upper
152 100
115 54.1 31.3 93.9
150 149.6 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.427 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

OR-02-042220

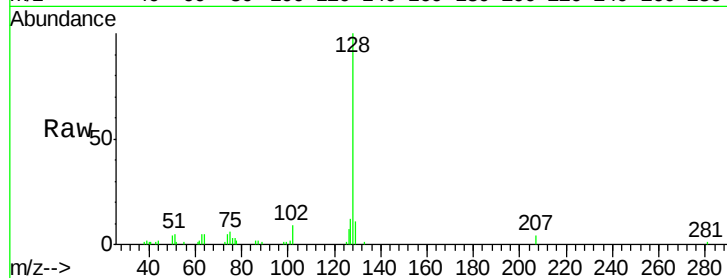
Tot Ion:128 Resp: 14456

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

